

CLAIM

*Added 63
to 171
at 102*

1. - Improvement to seat of gate valves used in oil-wells producing by continuous gas-lift, consisting of a cylindrical body into which gas is allowed to flow through an intermediary gate A then through seat B and being discharged below through nose C wherein said improvement consists of a seat with a curved upper part, a straight intermediate vertical part and a sloping straight lower part, a central space consisting of a upper part shaped like a tapered nozzle at which gas is gradually speeded up, an intermediate part which represents the main restriction to flow, and a lower part shaped like a conical diffuser at which gas is gradually slowed down.